CLAIMS:

1. A balancer driven gear of an engine comprising:

a bush member having a boss portion fixed to a balancer shaft and a plurality of outward dowels projecting radially outward from an outer periphery of the boss portion;

a gear member disposed coaxially with said bush member, said gear member having an annular portion with gear teeth formed on an outer periphery thereof and a plurality of inward dowels projecting radially inward from an inner periphery of the annular portion ;

said bush member and said gear member being assembled in such a manner that said outward and inward dowels are disposed alternately in a peripheral direction of the balancer driven gear; and

elastic members provided between the outward dowels on the bush member and the inward dowels on the gear member;

wherein at least one of shapes and dimensions of said outward and inward dowels are asymmetric with respect to an axis of the balancer driven gear.

2. The balancer driven gear of an engine according to claim 1 wherein:

one of said outward dowels and the inward dowels have recesses between adjoing dowels;

the other dowels are located in said recesses, respectively;

two of said recesses positioned on opposite sides with respect to the axis of the balancer driven gear have mutually different depths; and

the other dowels, disposed within said two opposite recesses of the mutually different depths, have mutually different heights.

3. The balancer driven gear of an engine according to claim 2 wherein:

said one dowels are radially outwardly projecting dowels and said other dowels are radially inwardly projecting dowels.

4. The balancer driven gear of an engine according to claim 1 wherein:

one of said outward dowels and the inward dowels have recesses between adjoing dowels;

the other dowels are located in said recesses, respectively;

two of said recesses positioned on opposite sides with respect to the axis of the balancer driven gear have mutually different peripheral widths; and

the other dowels, disposed within said two opposite recesses of the different depths, have mutually different peripheral widths.

5. The balancer driven gear of an engine according to claim 4 wherein:

said one dowels are radially outwardly projecting dowels and said other dowels are radially inwardly projecting dowels.